

INTERRUPT SCHEME FOR AN INPUT/OUTPUT DEVICE

ABSTRACT

5 Provided are techniques for interrupt processing. An Input/Output device
determines that an event has occurred. The Input/Output device determines
a processor identifier and determines an event data structure identifier for an event data
structure into which data for the event is stored using the processor identifier. The
Input/Output device also determines a vector identifier for an interrupt message vector
10 into which an interrupt message for the event is written. Then, interrupt message data is
written to the interrupt message vector to generate an interrupt.